

中国金发草属与𪔐茅属的新分类等级

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NEW TAXA OF POGONATHERUM AND
DIMERIA FROM CHINA

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〔摘要〕 本文报导金发草属 *Pogonatherum* Beauv. 中1新种, 即二芒金发草 *P. biaristatum* S. L. Chen et G. Y. Sheng. 及𪔐茅属 *Dimeria* R. Br. 中2新种, 即异花𪔐茅 *D. heterantha* S. L. Chen et G. Y. Sheng 及广西𪔐茅 *D. guangxiensis* S. L. Chen et G. Y. Sheng.

关键词 新分类等级; 金发草属; 𪔐茅属

Key words *Pogonatherum*; *Dimeria*; New taxa.

在编写《中国植物志》10卷2分册时, 发现金发草属及𪔐茅属中一些新分类等级, 按照国际命名法规以拉丁文描写发表如下:

金发草属

Pogonatherum Beauv. Ess. Agrost. 56. Pl. 11. f. 7. 1812.

1. 二芒金发草 新种 图

Pogonatherum biaristatum S. L. Chen et G. Y. Sheng, sp. nov.

Species *P. panicei* (Lam.) Hack. affinis sed rami graciliore et spiculis pedicellatis later leviter compressis gluma prima arista geniculata producta differt.

Culmi erecti vel leviter geniculati, 40—60 cm alti, 1—2 mm crassi, 10—13-nodes glabri sed ad quoque nodum barbatum. Vaginae foliorum internodiis breviores glabrae sed superne saepe pilosissimae, ligula truncata vel arcuata, 0.3—0.7 mm alta, dorso puberula margine ciliata, laminae lineares rigidae, 2—4.5 cm longae, 1—3 mm latae apice acuminatae basi contractae scabrosae, glabrae sed basi dense puberulae. Racemi

fulvidi, 2—3 cm longi, circ. 2 mm lati; spicula sessilis circ. 3 mm longa, callo pilis 0.5—3 mm longis cincto; glumae membranaceae, prima oblonga circ. 2.5 mm longa, apice truncata, 5-nervisa, scabrosa vel leviter pilosa margine subhyalina; secunda cymbiformis arista 16 mm longa producta; lemmata hyalina, primo lineari-lanceolato, secundo apice bidentato, arista circ. 17.5 mm longa laxa contorta; palea hyalina, oblongo-lanceolata; stamina 2; styli 2; stigmata 2, plumosa. Caryopsis ovato-oblonga. Spicula pedicellata circ. 2 mm longa; glumae cymbiformes, prima apice obtusa margine ciliata, arista circ. 15 mm longa producta, secunda bidentata arista circ. 17 mm longa; lemmate primo sterile, secundo cymiforme vel oblongo, hyalino, bidentato, arista circ. 17 mm longa; palea prima nulla secunda oblonga, circ. 1.5 mm longa, apice subtruncata ciliolata; Stamen 1; styli 2; stigmata 2, plumosa. Caryopsis fusiformis vel ovato-oblonga.

Hainan (海南): Ya Xian (崖县), sub silvis. 19. March 1933 F. C. Hao (侯宽昭) 70381 (Typus! SCBI).

鱧茅属

Dimeria R. Br. Prodr. Fl. Nov. Holl. 204. 1810.

1. 异花鱧茅 新种

Dimeria heterantha S. L. Chen et G. Y. Sheng, sp. nov.

Species *D. ornithopodae* subsp. subrobustae (Hack.) S. L. Chen et C. Y. Sheng affinis, sed lemmate secundo exhibente differt.

Annualis. Culmi erecti vel leviter geniculati 20—30 cm alti, 6—8-nodes, ad quoque nodum barbatum. Vaginae foliorum microthelitrichiatae internodiis inferne longiores superne breviores; ligula truncata vel arcuata, 0.5—0.7 mm longa, margine serratula; laminae lineares, 2—6 cm longae, 1—2.5 mm latae glabrae sed margine tuberculo-ciliatae. Racemi 2—3, 2—3.7 cm longi; rhachis trigona scabrida glabra; spicula brunneorufa oblonga 3—3.5 mm longa, ad callum subtruncatum leviter barbatum; glumae papyraceae glabrae prima spicula leviter brevior apice acuta, carinis scaberri-mis, secunda prima paulo longior; lemmata hyalina primo lanceolata secundo bidentato, in aristam 4.5 mm longam producta; palea prima nulla secunda ejus lemmate paulo brevior, apice bidentata in aristam circ. 3 mm longam producta, stamina 2, antheris fulvis, 0.5—0.7 mm longis; styli 2; stigmata 2, plumosa. Caryopsis oblonga, circ. 2.5 mm longa.

Anhui (安徽): Xiuning (休宁), 11. Oct. 1920. C. Courtoi 27148 p. p. (Typus! JSBI).

2. 广西鱧茅 新种

Dimeria guang xiensis S. L. Chen et G. Y. Sheng, sp. nov.

D. sinensi Rendle et *D. falcatae* evidenter propior, sed statim disting-

uenda a hac aristis spiculae erectis brevioribus circ. 8 mm longis ab illa antheris 0.8 mm longis.

Annualis. Culmi erecti, 35—40 cm alti, 6—8-nodes, ad quoque nodum pilis retrorsis barbatum. Vaginae foliorum herbaceae dense tuberculopilophorae, sed margine subhyalina et glabra; ligula arcuata, circ. 0.5 mm alta; laminae lineari-lanceolatae, 2—5 cm longae, 1.5—3.5 mm latae, apice subacuminatae, base subangustatae, dense tuberculo-puberulae; Racemi 1—2, 2.5—3.5 cm longi, erecti; spicula brunnea, oblonga, circ. 3.5 mm longa, apice acuta basi subacuta et barbata; glumae chartaceae sed margine subhyalina, prima spicula aequante vel brevior, circ. 0.5 mm lata, secunda prima subaequante, circ. 1 mm lata; lemmata hyalina, primo obovato-lanceolata circ. 2 mm longa, enervia, margine ciliato secundo circ. 2.5 mm longo, bidentato in aristam erectam vel geniculatam circ. 8 mm longam producto. Stamina 2, antheris 0.8 mm longis.

Guangxi (广西): Huaiji Xian (怀集县), 12. Dec. 1933. H. D. Zeng (曾怀德) 23171, p. p. (Typus! JSBI); Rong-Xian (容县) Z. Y. Wei (韦占业) 40078, p. p.

ABSTRACT

This paper deals with 3 new taxa of genera *Pogonatherum* Beauv. and *Dimeria* R. Br. in Chinese Gramineae, i. e. *Pogonatherum biaristatum* S. L. Chen et G. Y. Sheng, *Dimeria heterantha* S. L. Chen et G. Y. Sheng and *D. guangxiensis* S. L. Chen et G. Y. Sheng.



图 二芒金发草 *Pogonatherum biaristatum* S. L. Chen et G. Y. Sheng, sp. nov.

1. 植物体外形; 2. 叶鞘上部 and 叶片基部, 示叶舌; 3. 部分花序; 4—9. 有柄小穗; 4. 有柄小穗, 5. 第一颖侧面, 6. 第二颖侧面, 7. 第二小花外稃, 8. 第二小花内稃; 9. 第二小花颖果和雄蕊。10—15. 无柄小穗; 10. 无柄小穗; 11. 第一颖背面; 12. 第二颖侧面; 13. 第二小花外侧稃面; 14. 第二小花内稃侧面; 15. 雌蕊 (幼果) 和雄蕊。(陈荣道绘)